### PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY			
To: AWAPATENT AB	PCT		
Platensgatan 9 C SE-582 20 LINKÖPING	WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		
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OWIDER -	(PCT Rule 43bis.1)		
	Date of mailing (day/month/year) 0 9 -06- 2005		
Applicant's or agent's file reference 21018792	FOR FURTHER ACTION See paragraph 2 below		
International application No. International filing d	ate (day/month/year) Priority date (day/month/year)		
PCT/SE 2005/000310 02.03.2005	03.03.2004		
International Patent Classification (IPC) or both national class	fication and IPC		
F24C 7/06, F24H 3/04			
Applicant FERGAS AB et al			
Box No. IV Lack of unity of invention  Box No. V Reasoned statement under Rule 43bis. applicability, citations and explanation  Box No. VI Certain documents cited  Box No. VII Certain defects in the international applicability.  Box No. VIII Certain observations on the international application of the international preliminary examination is mainternational Preliminary Examining Authority ("IPEA") of Authority other than this one to be IPEA and the chosen IP written opinions of this International Searching Authority of this explains is as provided above considered to be a written opinion is as provided above considered to be a written opinion is as provided above considered to be a written opinion is as provided above considered to be a written opinion is a provided above considered to be a written opinion is as provided above considered to be a written opinion is as provided above considered to be a written opinion in the international searching and the constant of the const	egard to novelty, inventive step and industrial applicability  5.1(a)(i) with regard to novelty, inventive step or industrial bins supporting such statement  5.1(a)(i) with regard to novelty, inventive step or industrial bins supporting such statement  5.1(a)(i) with regard to novelty, inventive step or industrial bins supporting such statement  6.1(a)(i) with regard to novelty, inventive step or industrial  6.1(a)(i) with regard to novelty step or indust		
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Form PCT/ISA/237 (cover sheet) (January 2004)

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/SE 2005/000310

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 1. Statement 2-6, 9, 11Claims Novelty (N) 1, 7-8, 10 NO Claims YES Inventive step (IS) Claims NO 1-11 Claims 1-11 Industrial applicability (IA) Claims NO Claims

#### 2. Citations and explanations:

Reference is made to the following document:

D1: GB996056 A

The claimed invention relates to a fan heater. Interacting members are provided on the heating element and on the blower fan in order to hold the heating element in position relative the blower fan. Claim 1 is worded to define a fan heater for an electrical fireplace. However, the claims do the features related technical include any cooperation with the electrical fireplace. Therefore, cooperation of the heating element and the blower fan is fireplace". Thus, independent of the "electrical expression "for an electrical fireplace" is not essential for the invention and is ignored. Also, as it says in the description, it is common knowledge to use fan heaters in electrical fireplaces.

D1 relates to a fan heater including a blower fan unit with an outlet duct. A unit with heating elements can be mounted to the outlet duct a by use of projections engaging slots in the wall of the duct, see page 3 lines 4-6. A person skilled in the art would design such projections to be resilient in order to build up snap lock members. Further, the previously known device is simple to fabricate and assemble (page 1 lines 35-39). The known solution also makes the parts simple to disassemble, in correspondence with the present invention.

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/SE 2005/000310

Supplemental Box

In case the space in any of the preceding boxes is not sufficient. Continuation of: Box  $\,V\,$ 

A fan heater as stated in claims 1 and 7, a heating element as stated in claim 8 and a blower fan as stated in claim 10 are previously known from D1 and lack novelty. Further, the dependent claims 2-6, 9 and 11 only reveal such features considered obvious to a skilled person. Therefore, the subject matter of claims 2-6, 9 and 11 lacks inventive step.

Form PCT/ISA/237 (Supplemental Box) (January 2004)

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/SE 2005/000310

Box No. VIII Certain observations on the international application

The following observations on the claims, description, and drawing or on the question whether the claim are fully supported by the description, are made:

Claims 9 and 11 are incorrectly related to claim 6.

Form PCT/ISA/237 (Box No. VIII) (January 2004)



### **EUROPEAN SEARCH REPORT**

Application Number EP 04 00 4971

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(	* page 5, line 19 figures 3-5 * * page 9, lines 8-	<pre>- page 6, line 11;</pre>	2-	-5,9,11	F24H9/18	
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### **EUROPEAN SEARCH REPORT**

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#### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 04 00 4971

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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